

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re New Patent Application of )  
Atsushi TOKUDA et al. )  
Japanese Priority Application No. 2002-368692 ) Attn: Applications  
Japanese Priority Date: December 19, 2002 ) Branch  
For: LIGHT EMITTING DEVICE AND A )  
METHOD OF MANUFACTURING THEREOF ) Date: December 16, 2003

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. §1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

It is requested that the accompanying PTO-1449 be considered and made of record in the above-identified application. To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

By   
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Substitute for form 1449A/PTO				<i>Complete if Known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Application Number	New Application
Sheet	1	of	1	Filing Date	December 16, 2003
				First Named Inventor	Atsushi TOKUDA et al.
				Art Unit	
				Examiner	
				Attorney Docket Number	740756-2684

<b>U.S. PATENT DOCUMENTS</b>						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)				
		US-4,720,432	01/19/1988	VanSlyke et al.		

<b>FOREIGN PATENT DOCUMENTS</b>							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> (if known)	Kind Code <sup>5</sup>				

<b>OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS</b>							
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					T <sup>2</sup>
		Yasuhiko Shirota et al., “Multilayered organic electroluminescent device using a novel starburst molecule, 4, 4', 4” –tris (3-methylphenylphenylamino) triphenylamine, as a hole transport material”, Appl. Phys. Lett. 65 (7), August 15, 1994, pp. 807-809.					
		S.A. VanSlyke et al., “Organic electroluminescent devices with improved stability”, Appl. Phys. Lett. 69 (15) October 7, 1996, pp. 2160-2162.					
		Y. Yang and A.J. Heeger, “Polyaniline as a transparent electrode for polymer light-emitting diodes: Lower operating voltage and higher efficiency”, Appl. Phys. Lett. 64 (10) March 7, 1994, pp. 1245-1247.					
		S.A. Carter et al., “Polymeric anodes for improved polymer light-emitting diode performance”, Appl. Phys. Lett. 70 (16) April 21, 1997, pp. 2067-2069.					

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.